	2	3	4	5	6	7
Himachat Pradesh	77	92	89	87	77	87
Jaramu & Kashmir	97	71	84	79	74	69
Karn;	72	*hi*	77	7;:	79	7i
:-...	34	28	*2*<>	27	27	28
Madhya Pradesh	123	122	123	112	122	118
Maharashtra	68	68	54	63	73	59
Orissa	137	126	134	110	137	113
Punjab...	67	76	62	75	Ml	66
Raja	107	109	103	111	97	107
Tamil Nadu	80	S3	74	86	70	82
Uttar Pradesh.	132	153	131	133	126	128
West Bengal	80	67	76	**67**	73	68
IND3A	96	98	96	97	95	96

Source RGL SRS 1985, **1986. 1987** (Statement **30)**

Use of harmful chemicals in synthetic detergent powers and cakes

381. SHRI RAJUBHAI A. PARMAR: Will the Minister of HEALTH **AND** FAMILY WELFARE be pleased to state:

(a) what are the harmful chemicals used in the manufacture of synthetic detergent powders and cakes;

(b) whether there is any prescribed/ maximum percentage of there harmful chemicals to be used; and

(c) what action has been taken or is proposed to be taken to protect the interests of the consumers from the ill-effects of harmful chemicals used in excess of the permissible limit in the manufacture of such detergents?

THE MINISTER OF HEALTH AND FAMILY WELFARE (PROF. SHA-KEELUR REHMAN): (a) and (b) The chemicals used in the manufacture of synthetic detergent powders and cakes along with their permissible percentages are given in the statement attached (Annexure-I). Since exact chemical composition of various detergent powders and cakes is a trade secret, hence generalization regarding chemical composition of detergents can not be made. Sodium Carbonate, Sodium Hydoxide and acid slurry can cause skin injuries. These are the main ingredients of the commercially available detergent powers. *(See* below)

(c) Consumer protection is brought about by education of the community through consumer protection forums.

Statement

Name of the Chemicals	Percentage
Alkyl Benzene Sulfornate.	14-32%
Foam Booster Lauryl Alcohol....	1-2%
Sodium Tri Poly Phosphate	2 45%
Sodium Cabroxy Methyl Cellulose	0-6-1%

Sodium Silicate	5 9%
Sodium Sulfate Carbonate.	60. 80%
Optical brightner	0. 3-0-75%
Sodium Carbonate	15 30%
Perfume oil.	0-2%

Demand and production of LAB

382. SHRI RAJUBHAI A PARMAR: Will the Minister of PETROLEUM AND CHEMICALS be pleased to state:

(a) the quantum of Linear Alkyl Benzene (LAB), a raw material required for the manufacture of synthetic detergents powders and synthetic cakes released during the last five years, year-wise, and

(b) what are the details of the licensed/ installed capacity and actual production of LAB during each of these years?

THE MINISTER OF PETROLEUM AND CHEMICALS AND PARLIAMENTARY AFFAIRS (SHRI S. P. MALA-VTYA): (a) and (b) The estimated consumption of LAB in the country for the detergent sector during the last 5 years have been as indicated below:

Year	Consumption (In tonnes)
1985-86	71, 484
1986-87	80, 454
1987-88	1, 17, 698
1988-89	U9, 16o
1989-90	1, 40, 000

The installed/approved capacity and actual production of LAB during the above years have been as indicated below:

Company	Existing installed Capacity (in tonnes)	Additional Capacity New/ Expansion (in tonnes)
I. P. C. L.	30, 000	
Tamil Nadu Petrochemicals Ltd.	60, 000	20, 000
Reliance Industries Ltd.	60, 000	20,
Hindustan Lever Ltd.	80, 000	
Nirma Pvt. Ltd.	80, 000	
Straw Products Ltd.	80, 000	

Total Installed & Approved Capacity 4, 30, 000 Tonnes

Production of LAB (In Tonnes)	
1985-86	33, 489
1986-87	30, 454
1987-88	50, 698
1988-89	1, 19, 160
1989-90	1, 25, 570

Complaints against the personnel Department of DVC

383. SHRI GURUDAS DAS GUPTA: Will the Minister of ENERGY be pleased to state:

(a) whether Government have received any serious complaints against **the** Personnel Department of *DVC* recently;

(b) if so, what are the details there of; and

(c) what action has been taken by Government thereon?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI BABANRAO DHAKNE): (a) to (c) A number of complaints are received against the functioning of the Personnel Department of Damodar Valley Corporation from different sources, in general. On receipt of such complaints enquiry is usually conducted to ascertain the veracity of such allegations, and disciplinary proceedings are initiated against the concerned officials, if necessary.

Admission to MBBS/BDS courses

384. SHRI SYED SlBTEy RAZE Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

(a) whether Central Board of Secondary Education had conducted any Pre-